

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 10/31/2012</b>	Man Days: 1
<b>Inspection Unit: Lincoln Storage</b>	
<b>Location of Audit: Lincoln</b>	
<b>Exit Meeting Contact: J. R. Jennings</b>	
<b>Inspection Type: Standard Inspection - Record Audit</b>	
<b>Pipeline Safety Representative(s): Jim Watts</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
J.R. Jennings	Supervisor Northern Gas Storage Fields	(217) 732-7041

Gas System Operations	Status
Gas Transporter	ANR, Panhandle Eastern through Ameren Transmission
Miles of Main	4.2 miles at Lincoln
Confirm Operator's Potential Impact Radius Calculations	318.6 feet on 16 in.
<b><u>General Comment:</u></b>  <i>There are no HCA's at the Lincoln Storage Field.</i>	
Annual Report (Form 7100.1-1) reviewed for the year:	<b>Not Checked</b>
<b><u>General Comment:</u></b>	

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The 2011 Annual DOT Transmission report was not reviewed during this audit. It was reviewed by Staff when received from Ameren earlier in 2012.

Regulatory Reporting Records		Status
191.5	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Applicable
<b>General Comment:</b> No incidents occurred in the storage field that required reporting per Part 191 requirements.		
191.15(a)	Was a DOT Incident Report Form F7100.2 submitted within 30 days after detection of an incident?	Not Applicable
<b>General Comment:</b> No incident reports were required to be submitted in 2011.		
191.15(b)	Were there any supplemental incident reports when deemed necessary?	Not Applicable
<b>General Comment:</b> No supplemental incident reports were required for 2011.		
191.23(a)(2),191.23(a)(5),191.23(a)(6),191.23(a)(8)	Did the operator report Safety Related Conditions?	Not Applicable
<b>General Comment:</b> No safety related condition reports were required in 2011.		
191.25	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Applicable
<b>General Comment:</b> No safety related condition report was required in 2011.		
192.16(c),192.16(d)	Customer Notification: Has the operator notified each customer after the customer first receives gas at a particular location?	Not Applicable
<b>General Comment:</b> Customer notification is not applicable as no customers are supplied by the storage field.		
DRUG TESTING		Status
<b>Category Comment:</b> The Ameren Drug and Alcohol plan was not reviewed as part of this inspection. The plan was reviewed by the ICC earlier in 2012 during a separate audit. Staff did confirm the Ameren Drug and Alcohol Program information / Policy was posted at the Lincoln Storage Field Office as was the Employee Assistance Program (EAP) number. Supervisor training records for determining if an employee is showing signs of unauthorized use of drugs or alcohol were also reviewed with no issues identified.		
Refer to Drug and Alcohol Inspection Forms and Protocols		Not Checked
TEST REQUIREMENTS		Status

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192.505,192.507,192.509,192.511(c)	Are pressure test records being maintained for piping operating above 100 psig?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Pressure test were performed as required at 1300 psig for the MAOP of 833 psig.</i>		
192.511,192.509,192.513	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No piping was installed in the storage field in 2011 that operates under 100 psig.</i>		
192.515(b)	Did the operator maintain documentation establishing that the test medium was disposed of in a manner that minimized danger to the environment?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Ameren has the discharge report for hydrotest water from a pressure test performed in 2011. Permit 2008-EO-5172</i>		
<b>UPRATING</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>No uprating was performed in the Lincoln storage field 2011.</i>		
192.555	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	<b>Not Applicable</b>
192.557	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	<b>Not Applicable</b>
<b>OPERATIONS</b>		<b>Status</b>
192.605(a)	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The Ameren O and M is utilized by the storage fields and was reviewed as required.</i>		
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>The operator qualification plan was not reviewed as part of this inspection.</i>		
192.605(b) (3)	Are construction records, maps, and operating history available to operating personnel?	<b>Satisfactory</b>
192.605(b) (8)	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		

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<i>No deficiencies were identified in storage field procedures in 2011. Storage field personnel are included in the Ameren Quality Assessment program.</i>		
192.605(c)(1) (i)	Does the operator maintain documentation for responding to, investigating, and correcting the cause of unintended closure of valves or shutdowns?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No unintended closure of valves occurred in 2011.</i>		
192.605(c)(1)(ii)	Does the operator maintain documentation for responding to, investigating, and correcting the cause of increase or decrease in pressure or flow rate outside normal operating limits?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No increase or decrease in flows outside the normal operating limits.</i>		
192.605(c)(1)(iii)	Does the operator maintain documentation for responding to, investigating, and correcting the cause of loss of communications?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Instances where loss of communications occurred were documented and corrected in a timely manner.</i>		
192.605(c)(1)(iv)	Does the operator maintain documentation for responding to, investigating, and correcting the cause of operation of any safety device?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Alarms received were responded to in a timely manner and corrective actions were taken.</i>		
192.605(c)(1)(v)	Does the operator maintain documentation for responding to, investigating, and correcting the cause of any other foreseeable malfunction of a component, deviation from normal operation, or personnel error which may result in a hazard to persons or property?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>A majority of the abnormal operation alarms were due to loss of commercial power supply.</i>		
192.605(c) (2)	Does the operator maintain documentation of checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>No issues were identified after making corrective actions.</i>		

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## RECORD AUDIT

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192.605(c) (3)	Does the operator maintain documentation of notifying responsible operator personnel when notice of an abnormal operation is received?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Ameren maintains documentation of notifications received and the corrective actions taken.</i>		
192.605(c) (4)	Does the operator maintain documentation for periodically reviewing the response of operator personnel to determine the effectiveness of the procedures controlling abnormal operation and taking corrective action where deficiencies are found?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff reviewed the actions taken during periods of abnormal operations and no deficiencies were identified 2011.</i>		
192.619,192.621,192.623	Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Decatur Engineering maintains the documentation regarding the system MAOP. Maps are utilized to record the current MAOP of piping in the Storage field. Engineering establishes the pressure at which new piping shall be tested for new installations and to ensure the current MAOP is maintained.</i>		
CONTINUING SURVEILLANCE RECORDS		Status
192.613(a)	Has the operator reviewed continuing surveillance records for class location changes?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Class location surveys are performed by the Transmission Integrity Group. These records are reviewed during the Transmission Integrity Department audit.</i>		
192.613(a)	Has the operator reviewed continuing surveillance records for failures?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No failures occurred in 2011 that required analysis to be conducted.</i>		
192.613(a)	Has the operator reviewed continuing surveillance records for leak history?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>No leaks were detected during the bi-annual leak surveys.</i>		
192.613(a)	Has the operator reviewed continuing surveillance records for corrosion?	<b>Satisfactory</b>
192.613(a)	Has the operator reviewed continuing surveillance records for changes in cathodic protection requirements?	<b>Satisfactory</b>
192.613(a)	Has the operator reviewed continuing surveillance records for other unusual operating and maintenance conditions?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		

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No other unusual operating or maintenance conditions were observed in 2011.

CLASS LOCATION CHANGE		Status
192.609	Does the operator maintain documentation when the class location changes for a segment of pipe operating at a hoop stress that is more than 40% SMYS?	Not Applicable
<b>General Comment:</b> No class location changes occurred in 2011 at Lincoln Storage.		
QUALIFICATION OF PIPELINE PERSONNEL		Status
Refer to operator Qualification Inspection Forms and Protocols		Not Checked
<b>General Comment:</b> Operator Qualification plan was not reviewed during the audit. Staff did review the qualification of storage field personnel during the audit and the contractor personnel. No issues were identified with their qualifications.		
DAMAGE PREVENTION RECORDS		Status
<b>Category Comment:</b> Locates for the Lincoln Storage field are performed by contract locators. These records are maintained by the Belleville Damage Prevention Group and are reviewed during a separate audit. There were no damages on the storage field piping due to third party damage.		
191.17(a)	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
Has the number of damages increased or decreased from prior year?		Not Checked
192.617	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked
192.614(c) (3)	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		Not Checked
Do pipeline operators include performance measures in facility locating contracts?		Not Checked
IL ADM. CO.265.100(b)(1)	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? <a href="http://www.icc.illinois.gov/julie/">http://www.icc.illinois.gov/julie/</a>	Not Checked
Has the Operator adopted applicable section of the Common Ground Alliance Best Practices?		Not Checked
If no, were Common Ground Alliance Best Practices discussed with Operator?		Not Checked
EMERGENCY PLANS		Status
192.615(b) (1)	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory

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<b><u>General Comment:</u></b>		
<i>Supervisors are supplied with a current copy of the Emergency Plan and it is available on line. The plan at the storage field is dated May 2012.</i>		
192.615(b) (2)	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Storage field personnel were provided training on the emergency plan and O and M on 2/22/2011.</i>		
192.615(b) (3)	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No reviews of employee's activities were required due to no emergencies occurring in 2011.</i>		
192.615(c)	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>These records are maintained by the Public Awareness Program Administrator located at the Pawnee Training Center. These records are reviewed during the Public Awareness plan record review and were not checked during this audit.</i>		
192.615(a) (3)	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No reports of gas leaks were received by Lincoln Storage in 2011.</i>		
Did documentation reviewed define when emergency response time intervals exceeded established operator parameters for time interval between received and dispatched?		<b>Satisfactory</b>
Did documentation reviewed define when emergency response time intervals exceeded established operator parameters for time interval between dispatched and arrival?		<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Alarms received through Gas Control were responded to by Lincoln personnel in a timely manner.</i>		
192.615(a) (11), 192.631	Has the operator maintained documentation of actions that were required to be taken by a controller during and emergency?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No actions were required by a controller due to an emergency as no conditions that met an emergency occurred at Lincoln Storage. Alarms observed by Gas Control were reported and responded to by storage personnel in a timely manner in 2011. These were compressor shutdowns due to loss of commercial power and a high level alarm on the discharge scrubber #2.</i>		
<b>PUBLIC AWARENESS PROGRAM - RECORDS</b>		<b>Status</b>

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<b><u>Category Comment:</u></b>		
<i>Public Awareness plan was not reviewed during the audit. It will be reviewed during a separate audit.</i>		
Refer to Public Awareness Program Inspection Forms and Protocols		<b>Not Checked</b>
<b>ODORIZATION OF GAS</b>		<b>Status</b>
192.625(f)	Where required, has the operator maintained documentation of odorant concentration level testing?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Odorant concentration level testing results are performed by the local service areas. Records are not maintained by Storage field.</i>		
192.625(a) (f)	Where required, is the operator using an instrument capable of determining the percentage of gas in air at which the odor becomes readily detectable? (at 1/5th the LEL)	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Odorometer tests are performed using an odorometer and the records are maintained and reviewed during the local service area record audits.</i>		
192.625(e)	Where required, has the operator maintained documentation of odorizer tank levels?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Odorizer tank levels were maintained as required.</i>		
<b>PATROLLING &amp; LEAKAGE SURVEY</b>		<b>Status</b>
192.705	Does the operator maintain documentation of a patrol program as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The Lincoln Storage Field was leak surveyed twice annually using a Flame Ionization unit.</i>		
192.706	Does the operator maintain documentation of leakage survey(s) performed on a transmission pipeline?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The storage field was patrolled twice annually in 2011. There are no highway or R.R. crossings in the field.</i>		
<b>ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES</b>		<b>Status</b>
192.727(b)	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Piping that was abandoned in place was recorded and maintained in the associated work packets.</i>		



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192.727(c)	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	<b>Satisfactory</b>
192.727(e)	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	<b>Satisfactory</b>
192.727(g)	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
No piping was abandoned that crossed a navigable river. N/A		
<b>COMPRESSOR STATION</b>		<b>Status</b>
192.731(a)	Has the operator maintained documentation of the compressor station relief devices at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
There are no pressure regulators at the station utilized to control pressure during the storage process. The flow control valves utilized to control flow during the early stages of injection and during withdrawal.		
192.731(c)	Has the operator maintained documentation compressor station emergency shutdown at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
The ESD system was tested as required in 2011.		
192.736(c)	Has the operator maintained documentation of the compressor stations – detection and alarms?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Fire and gas detectors were tested as required at Lincoln Storage in 2011.		
<b>PRESSURE LIMITING AND REGULATION</b>		<b>Status</b>
192.739(a)	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Reliefs were inspected as required. There are no regulators utilized for pressure regulation at Lincoln Storage. The flow controllers utilized at Lincoln Storage are inspected by the Peoria Regulator Technicians.		
192.743(a)	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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<i>Only reliefs were required to be inspected in 2011. There are no pressure regulators in the station utilized to control pressure within the station.</i>		
192.743(b)	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Ameren has capacity calculations for the reliefs in the system.</i>		
192.743(a)(b), 192.195(b)(2)	Is overpressure protection provided by the supplier pipeline downstream of the take point?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>This requirement is not applicable to the Lincoln Storage field as gas being stored is received through the Ameren Transmission System and not directly from a pipeline supplier.</i>		
192.743(a)	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>This requirement is not applicable to the Lincoln Storage field as gas being stored is received through the Ameren Transmission System and not directly from a supplier.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
192.745(a) (b)	Did the operator inspect and partially operate transmission valves that might be required during any emergency at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Valves associated with the storage field were inspected as required.</i>		
192.749	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There are no vaults in the system that meets the 200 cubic foot requirement.</i>		
<b>Investigation Of Failures</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>No failures occurred in Lincoln Storage field that required analysis.</i>		
192.617	Did the operator experience accidents or failures requiring analysis?	<b>Not Applicable</b>
<b>WELDING OF STEEL PIPE</b>		<b>Status</b>
192.225(b)	Does the operator have documentation for their qualified welding procedure?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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Terry Schutt was the qualified welder working with Miller Pipeline.		
192.277,192.229	Does the operator have documentation of welder qualification documentation as required?	Satisfactory
192.243(b) (2)	Does the operator have documentation of NDT personnel qualification as required?	Satisfactory
<b>General Comment:</b> Quad Cities Testing was utilized for x-ray of welds in the Lincoln Storage Project.		
192.243(f)	Does the operator have documentation of NDT testing performed?	Satisfactory
<b>General Comment:</b> Staff reviewed the weld test reports for NDT testing performed in 2011. Testing revealed two segments that had long seam imperfections identified during weld tests. These were cut out and tagged for non-use.		
CORROSION CONTROL RECORDS		Status
192.491(a)	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system	Satisfactory
192.459	Has the operator maintained documentation of examination when buried pipe was exposed?	Satisfactory
<b>General Comment:</b> Pipe exams were performed during piping cut outs for abandonment of the 12 inch. No issues were reported.		
192.465(a)	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months?	Satisfactory
<b>General Comment:</b> Staff reviewed the test points for Lincoln Storage. No issues were observed.		
192.465(a)	Has the operator maintained documentation of inspections or tests of isolated services or short sections of main less than 100 feet?	Not Applicable
<b>General Comment:</b> No piping in the storage field that is inspected on a 10 year interval. N/A		
192.465(b)	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory
<b>General Comment:</b> Rectifiers were inspected as required.		
192.465(c)	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode,	Not Applicable

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	etc. inspections at a minimum of 6 per year/ 2 1/2 months?	
<b><u>General Comment:</u></b> <i>There are no critical bonds in the Lincoln Storage field.</i>		
192.465(c)	Has the operator maintained documentation of each interference bond, reverse current switch, diode, etc. inspections at a minimum of 1 per year/ 15 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No interference bonds are present in the Lincoln Storage field.</i>		
192.465(d)	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No corrective actions were required due to the surveys performed in 2011.</i>		
192.465(e)	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There are no unprotected pipelines in the Lincoln Storage field.</i>		
192.467(d)	Has the operator maintained documentation of inspections or tests for electrical isolation including casings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>There is one casing in the storage field and is being abandoned during the 2012 construction work. It was tested as required.</i>		
192.469	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of the test points indicates there are a sufficient number of test points in the Storage field.</i>		
192.471	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No test points were identified needing corrective actions. N/A</i>		
192.473(b)	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic	<b>Satisfactory</b>

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	structures?	
192.475(a)	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Gas sampling is performed using a gas chromatograph to analyze the gas quality at Lincoln Storage.		
192.475(b)	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Internal pipe inspections were performed when piping was removed or abandoned during the 2011 system work.		
192.476(d)	Has the operator maintained documentation of written procedures supported by as-built drawings or other construction records?	<b>Satisfactory</b>
192.477	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Coupon testing was performed twice annually as required. The results are maintained at the engineering office in Decatur.		
192.479	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> No issues were identified during the 2011 atmospheric corrosion survey.		
192.481	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	<b>Satisfactory</b>
192.483(a)(b)(c)	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> No piping was removed due to external corrosion.		
<b>TRAINING - 83 IL ADM. CODE 520</b>		<b>Status</b>
520.10(a)	Has the operator maintained documentation demonstrating that personnel have received adequate training?	<b>Satisfactory</b>
520.10(a)	Do training records include verbal instruction and/or on the job training for each job classification?	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE

## RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

520.10(b)	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Municipal training requirement is not applicable to this operator.</i>		
520.10(a)(5)	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>No new procedures were incorporated in 2011 for the Lincoln Storage facility.</i>		

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE

## RECORD AUDIT

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.